

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C 371.**

ATTORNEY'S DOCKET NUMBER
3136.ARTH.PT

U.S. APPLICATION NO. (If known, see 37 CFR 1.57)
10/510357

INTERNATIONAL APPLICATION NO.
PCT/SG2003/000074

INTERNATIONAL FILING DATE
4 April 2003

PRIORITY DATE CLAIMED
5 April 2002

TITLE OF INVENTION
METHOD FOR FORMING A MODIFIED SEMICONDUCTOR HAVING A PLURALITY OF BAND GAPS

APPLICANT(S) FOR DO/EO/US
TENG, Jing Hua; CHUA, Soo Jin; DONG, Jian Rong

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 - (1) Complimentary copy of WIPO International Publication Number WO 2003/085741 A1
 - (2) Complimentary copy of Corrected Version of WIPO International Publication Number WO 2003/085741 A1 (cover sheet only)
 - (3) Return Postcard

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) 10/510357		INTERNATIONAL APPLICATION NO. PCT/SG2003/000074		ATTORNEY'S DOCKET NUMBER 3136.ARTH.PT	
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21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a)(1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4). \$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4). \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY	
				\$1110.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	43 -20 =	23	X \$18.00	\$414.00	
Independent claims	3 -3 =	0	X \$88.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$1524.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$1524.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$1524.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$40.00	
TOTAL FEES ENCLOSED =				\$1564.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$

a. ☒ A check in the amount of \$ 1564.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 50-0881 in the amount of \$ _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

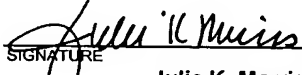
c. ☒ The Commissioner is hereby authorized to charge additional fees which may be required, or credit any overpayment
 to deposit Account No. 50-0881. A duplicate copy of this sheet is enclosed.

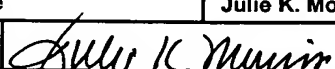
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
 information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37CFR 1.137(a) or (b))
 must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO :

Julie K. Morriss
 MORRISS O'BRYANT COMPAGNI, PC
 136 South Main, Suite 700
 Salt Lake City, Utah 84101
 (801) 478-0071 phone / (801) 478-0076 facsimile


 SIGNATURE
 Julie K. Morriss
 NAME
 33,263
 REGISTRATION NUMBER

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10			
I hereby certify that the items listed above in this transmittal sheet are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: MAIL STOP PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450.			
Typed or Printed Name	Julie K. Morriss	Express Mail No.	EV 517447887 US
Signature		Date	Oct. 5 2004